

## 13 Institutions Receive Y-12's Stable Isotopes

**New Record Is Set;  
57 Shipments Made  
In Month Of February**

A total of 13 different scientific institutions throughout the United States, some operated by the Atomic Energy Commission and other privately operated, received 57 shipments of stable isotopes produced in Y-12 during the month of February. The stable isotopes, used widely in scientific research, were produced by the Isotope Research and Production Division of Y-12.

The February figures show the number of institutions getting the stable isotopes to be two more than the previous record number of 11, established last November. The number of separate shipments is just one less than the November total of 58.

### ORNL Gets Most Shipments

The Oak Ridge National Laboratory received the greatest number of shipments—a total of 19 during the month. The shipments included stable isotopes of neodymium, barium, gallium, zinc, calcium, lead and rhodium. One consignment of 7547 milligrams of Lead 207 was the largest individual shipment of the month while another of 7541 mgs. of Lead 208 to ORNL was close behind.

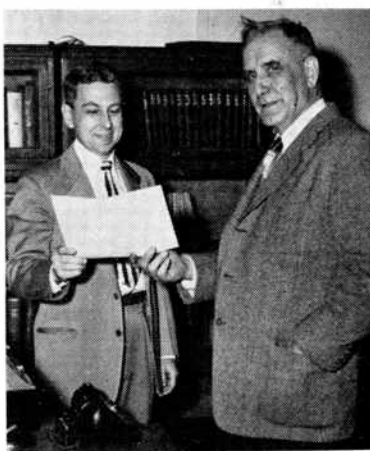
The Radiation Laboratory of the University of California received nine consignments during February, including various stable isotopes and neodymium and samarium. Then came Ohio State University with eight shipments of stable isotopes of the same two elements.

The Argonne National Laboratory and the National Bureau of Standards each was sent four shipments during February. The Laboratory received consignments of rhodium, tungsten, iron and selenium. Stable isotopes of thallium and tin were sent to the bureau.

### Five Get Two Shipments Each

Five consignees received two shipments each during February. The University of Chicago received stable isotopes of tin and sulphur, Brookhaven National Laboratory boron and lithium, Rutgers University got lead, Princeton University cerium, and the University of Wisconsin cerium and strontium.

The other single shipments were Fisher Scientific Co., mercury; Los Alamos Scientific Laboratory, copper; and Columbia University, silver.



JOHN E. HARDING, LEFT, of the Y-12 Product Chemical Department, is shown receiving a Certificate of Supervision and Production Technology from University of Tennessee Extension Division Dean F. C. Lowry.

## John Harding Wins Honor In U-T Course

**Y-12er One Of Three  
To Get Certificate  
In Technology Class**

Another top honor has been received by a Y-12 employee.

This time it is John E. Harding, an industrial engineer in the Product Chemical Department, who late in January became one of the first three persons in the South to be awarded a certificate in supervision and production technology.

### Dean Lowry Father Of Y-12er

Bringing the matter even closer home to Y-12 is the fact that the certificate was presented to Harding by Dean F. C. Lowry, of the University of Tennessee extension division, who is father of Fes Lowry, Y-12 Personnel Superintendent. The presentation was made late in January of this year.

The university extension now has about 250 business and industrial personnel studying in night classes toward the goal that Harding recently attained. The course requires about one year of study before the certificate is obtained. Harding did his work both in Oak Ridge and at the university in Knoxville, beginning in June, 1948.

### Served Here In Army

Harding first came to Y-12 in the old Special Engineer Detachment of the army in May, 1943, shortly after graduating from the University of Cincinnati with a degree in civil engineering. After discharge from the service on March 11, 1946, he became employed by the Tennessee Eastman Corporation, then operating the Y-12 plant, on March 14, 1946, and has been here ever since.

Harding is a native of New Castle, Ind., and attended high school there before attending the University of Cincinnati.

He is married and father of a two-year-old daughter. The Hardings live at 172 California Ave., and he served one year as a member of the Oak Ridge Town Council.

## Y-12ers Meet And Exceed Red Cross Fund Appeal In Speedy Response; Goal Of \$2,500 Is Topped In Five Days, Contributions Hit \$2,930 Monday

**117 Per Cent Of Plant  
Quota Already Reached;  
Reports Still Coming**

For the fourth straight year the prompt and generous response of Y-12ers to the annual appeal of the Oak Ridge Chapter of the American Red Cross has resulted in the plant being the first unit in its classification to turn over to chapter authorities cash and pledges in excess of its assigned quota. Starting back in 1948 Y-12 was the first group to deposit its quota—and more—“on the barrel head” and then go on to increase its contributions to the worthy appeal of the Red Cross. This record was repeated in 1949 and 1950.

It is a record of which all Y-12ers may well be proud. The Red Cross is asking \$22,731 to support its various agencies—all of them contributing to a better way of living—and the quick and deep digging into pockets here and in other Carbide units in Oak Ridge demonstrates the universal approval of all Carbide employees in the worth of the work of the agency.

### Lavers Praises Y-12ers

Congratulating Y-12 employees on their whole-hearted support of the campaign, Y-12 Area Superintendent W. D. Lavers, chairman of the plant-wide committee coordinating the drive with Supervision and Personnel throughout the plant, he said last Friday.

“The personnel of the Y-12 plant is to be congratulated for the excellent showing in the current fund raising campaign for the Red Cross. This plant was the first of the Carbide plants to deliver 100 per cent of its quota to the Red Cross office in Townsite. Indications are that the total amount subscribed by Y-12 will be well in excess of this quota. This accomplishment is made possible through the generosity of each individual who has contributed. Such generosity toward worthy causes is one of the fine traditions at Y-12.”

### Cooperation Brings Success

The situation this year was much the same as in previous drives in the plant—the campaign started in Y-12 on the opening prescribed date of Thursday, March 1, and with the plant-wide committee and personnel throughout the plant showing an unprecedented spirit of cooperation the pennies, dimes, dollars, checks and pledges through payroll deductions began pouring in.

In five working days—the same time as required in the 1950 drive—Y-12ers had topped their 1951 assigned quota of \$2,500. Pat Hamrick, of the Industrial Relations Division who checked the returns, found on Wednesday afternoon, March 7, that the goal had been reached and exceeded. On the following morning, at 9:30 a. m., Thursday, March 8, to be exact, Y-12ers showed up at Red Cross Chapter headquarters with cash and payroll deduction pledges totaling \$2,511.11.

After a check of the records, Mrs. Ruth Whiteside, executive director of the Oak Ridge Chapter



Y-12 “LAYS IT ON THE BARREL HEAD.” AT 9:30 A. M., Thursday, March 8, as the picture above was taken, Pat Hamrick, left, member of the Y-12 plant-wide committee coordinating the Red Cross drive in Y-12; is checking the plant contributions with Mrs. Ruth C. Whiteside, executive director of the Oak Ridge Chapter; as Fes Lowry, associate chairman of the Y-12 committee; and Y-12 Area Superintendent W. D. Lavers, committee chairman; help out with the adding machine.

### COMPANY CONTRIBUTES \$1,500 TO RED CROSS

Carbide and Carbon Chemicals Company last week announced that the Company had contributed \$1,500 to the drive for funds being conducted by the Oak Ridge Chapter of the American Red Cross. This is over and above all contributions made by employees of the three units operated by Carbide in Oak Ridge.

of the American Red Cross, told Y-12 Chairman W. D. Lavers, Fes Lowry, associate chairman; and Hamrick, that the Y-12 report was the first in its group showing the plant goal met and exceeded and corresponding contributions turned in to the chapter.

However, with characteristic vigor, Y-12ers kept their contributions rolling in during the remainder of the week as members of the committee kept busy in cooperation with Supervision and plant personnel as a whole.

Early Monday morning it was reported that nearly \$3,000 had been collected—the great majority in cash. More and more departments reported 100 per cent participation and many groups reported their assigned cash quotas exceeded.

Hamrick reported Monday that Y-12 donations to be Red Cross appeal had reached \$2,930, representing reports through last Friday afternoon.

This is 117 per cent of the assigned Y-12 goal. However, the mark is expected to be even larger as additional reports from departments yet to be heard from come in throughout the week.

In order that the campaign records may be closed as soon as possible, every Y-12er who has not yet returned his or her pledge card to Supervision is urged to do so at once.

## Ned Williams Gets Promotion; Is Well Known To Y-12ers

Ned Williams, recently named director of the office of production and engineering of the Oak Ridge Operations of the Atomic Energy Commission, is well known to many Y-12ers. He was stationed here for some time, first as a major in the U. S. Army Corps of Engineers and later as a civilian employee of the Manhattan District and then with the AEC. After leaving his Y-12 assignment Williams served as deputy chief of the Oak Ridge production division of the AEC and became assistant to the director of the production and engineering office in 1948. He is a civil engineering graduate of Clemson College and spent four years in foreign service with the army engineers in addition to 17 years in highway departments of Kentucky and Wyoming.

### RIDES WANTED, OFFERED SERVICE TO BE GIVEN

As a convenience and service to Y-12 employees living away from Oak Ridge, The Bulletin will list rides wanted and offered in an effort to assist in solving transportation problems of all Y-12ers.

Employees needing rides to and from the Y-12 plant or those with empty seats in their automobiles are invited to call The Bulletin, North Portal, telephone 7753. Y-12ers taking advantage of the service are urged to give full particulars as to places and plant address where they can be reached. The request will be published in one edition of The Bulletin—the next after the request is received.

### SAFETY SCOREBOARD

**Your Plant Has  
Operated  
19 Days  
Without A Lost Time  
Accident  
Through March 11**



# The Bulletin

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## 10 Y-12 Singers In Lutheran Choir Sings March 18-20

Ten Y-12ers who are members of choirs of two Lutheran churches in Oak Ridge, will sing in a combined choir of 80 voices in a cantata to be given in Oak Ridge and Knoxville. The Knoxville concert will be given at 8:15 p. m., Sunday, March 18; while the Oak Ridge presentation is scheduled for the same hour Tuesday, March 20, at the high school auditorium.

The cantata to be presented is "The Crucifixion," by Sir John Stainer. Members of the choir will include the singers from two Oak Ridge churches and three Knoxville churches.

Edward G. Struxness, of Y-12, director of the Grace Lutheran Church choir of Oak Ridge, will direct the 80-voice chorus. E. L. Long, another Y-12er, will be the featured soloist. Other Y-12ers in the combined choir include O. M. Wisdahl, Harold Green, Mary Claire Bondurant, Paul Galle, George Marrow, W. B. Cottrell, U. A. Alspaugh and Emma Hendrick.

## More Than Dozen Y-12ers To Appear In Folk Dances

More than a dozen Y-12ers will take part in a folk dance festival to be staged under auspices of the city recreation department of Oak Ridge at 8:30 o'clock Friday night, March 16, at the Jefferson Junior High School auditorium. The Folk Dance Club of Oak Ridge and the Beginners Folk Group of Elm Grove School, both led by Matthew Wisnowski, of Y-12, will participate and any other folk dance groups in the city wishing to take part are invited.

In addition to Wisnowski, other Y-12ers who will appear include Mary Claire Bondurant, Fred Boody, Louis Gilpatrick, V. C. Jackson, Charles Pigott, Emma Russell, Francis Skeen, Naomi Smelcer, Christine Sparkman, Eunice Webster, Herman Weeren, Robert Wilson and others.

The program will include folk dances of several countries, including Yugoslavian, German, Lithuanian and Austrian. Following the program there will be general folk and square dancing for everyone present.



Three Y-12 employees were listed as fathers of baby girls born recently in the Oak Ridge Hospital. The fathers and the date of birth of the children were Ralph R. McNatt, Chemical, March 2; Rembert Harris, Transportation, March 2; and Robert D. Ellingson, Electromagnetic Research Division, March 6.



The Material Chemistry Division extends congratulations to **Robert E. Moore** who became the proud father of an eight-pound, one-ounce baby boy on March 6.

**Roy Byrd**, of the Plant Engineering Department, spent last week's vacation at home in Oak Ridge.

The Research Engineering Department welcomes **Frances Evelyn Bell** to the roster.

Sympathy is extended to **Emily Braden**, of the Isotope Research and Production Division, on the death of her grandmother last week.

The gang down in the General Maintenance Office is glad to have **Jessie Guinn** and **Doris Thomas** back with them after being on the sick list recently. Sympathy is extended to **Virginia Boone** who was called home last week because of the death of her grandmother in Wartrace.

**Bill Cohen**, of the Electromagnetic Research Division, was in Pittsburgh, Pa., last week to attend the American Physical Society meeting there.

**Koula Sideris**, of the Analytical Laboratory, attended the wedding of a friend last Sunday, in Birmingham, Ala. . . . **Lenora Brushwood** spent the week end at her home in Savannah, Ga. . . .

The department wishes a speedy recovery to **R. K. Bennett's** wife. She was in the Oak Ridge Hospital last week. . . . **Ida Abrams** attended the AEO formal dance at the University of Tennessee recently. . . . The department extends sympathy to **Nell Trebilcock** on the death of her father last week in Clayton, Ky. . . . **James Patterson** attended a meeting on analytical chemistry in Pittsburgh, Pa., last week. . . . **W. R. McIntosh** attended a meeting of the American Optical Society in Washington, D. C., last week.

The Tools Department welcomes **Bill Kelley** back after a recent illness.

**Clyde Ferrell**, of the Property Department, is spending two weeks of vacation at home in Oak Ridge.

The Maintenance Shops Department welcomes **E. G. Emery** back after an extended illness.

**J. L. Heatherly**, of the Assay Laboratory, spent the week end at his home in LaFollette. . . . **Olean Rutland** spent the week end with her folks in Cherokee, Ala. . . .

**Annie Rogers** took another trip to Bristol, Tenn., over the week end. . . . Get-well wishes are extended to **W. T. Cale** who was on the sick list last week. . . . A speedy recovery is wished for **Thelma Knisley's** husband, who is in the Fort Sanders hospital following an appendectomy.

The Property Sales Department extends get-well wishes to **Juanita Fugate's** grandmother who is ill. . . . Congratulations to **Hazel Tompkins**, whose daughter, Ruby, has received her commission as first lieutenant in the Medical Detachment of the Air Force on March 2 and reports for duty March 19, at the Westover Air Base in Massachusetts. Ruby was in the first graduating class at the Oak Ridge High School; and took her nurse's training at Fort Sanders Hospital in Knoxville.

The fellows down in the Guard Department were all smoking cigars one day last week; compliments of **D. I. Davis**, a former member of the gang, who is now in the army and stationed at Camp Picket, Va. Why the cigars? Well, the box had "just married" marked on it. Congratulations, Davis. . . . **G. W. Boggs** is vacationing at home in Oak Ridge for two weeks.

**F. M. Henry**, of the Buildings and Grounds Department, is back after a week of vacation. . . . The department extends sympathy to **C. O. Shores** at the death of his mother last week.

"Did you say he was a goat-getter?"

"No, goat-getter."



## Y-12er Has Solo Role In Chorus Concert; Others Will Appear

Robert S. Knight, of the Y-12 Electromagnetic Research Division, will be one of the soloists when the Oak Ridge Community Chorus presents Bach's "Mass in B Minor" at the high school auditorium Thursday night, March 15. Curtain time will be 8:15 o'clock.

### Other Y-12ers In Cast

A number of other Y-12ers and members of their families will appear in the chorus production. They include Jeanne Rogers, John Redman, Robert Charpie, Elizabeth Charpie, Beatrice Cameron, Mrs. C. E. (Mary) Winters, Elizabeth Kelly and Betty McDonough.

Admission to the concert tomorrow night will be by Oak Ridge Civic Music Association membership card or by purchase of standing room tickets at \$1 each.

Knight will sing the bass aria "Quoniam." Another solo role will be sung by Freddie Sherrod, from the University of Tennessee, Knoxville, who will offer the alto aria "Agnus Dei." Duets will be sung by Genevieve Johnson and Lucie Ruzicka, soprano; Mary Winters and Tell Martin, soprano and tenor; and Ruth Lissio and Kay McCrodden, soprano and alto.

### Krueger To Direct Concert

John H. Krueger, of the University of Tennessee department of fine arts, is director of the Community Chorus. Jane Johnson is accompanist.

Orchestral accompaniment will be provided by members of the Oak Ridge Symphony, including Mrs. Jacinta Howard, wife of a Y-12er; Priscilla Conger, Charlotte Wayne and June Adamson, violins; Adele Bouricius and Beulah Winley, violas; Waldo Cohn and Herbert Pomerance, cellos; Harry Robins, bass; Salvatore Zangari and Margaret Cobble, flute; Rodney Shaffer and John Michel, clarinets; James Triste, bassoon; and Walter Snyder and Richard Metcalf, trumpets.



The following Y-12 employees were patients last week in the Oak Ridge Hospital: Ernest W. Palmer, Oliver C. McDermott and Charles J. Beckett, Field Maintenance; William C. Caldwell, Dell C. Walker and Herman A. Maney, Product Chemical; Gordon E. Fielden and William Hinkleman, Electrical Maintenance; Edward G. Gardner, Archie D. Douglas and Frank H. Pitzer, Maintenance Shops; Fred B. Thomas, Isotope Research and Production; and William G. Fellers, Chemical.



### JESSEE - KINCAID

Miss Bobby Jean Kincaid, of the Y-12 Technical Library staff; and Donald Edward Jessee, a student at the University of Tennessee, transferred from East Tennessee State College, Johnson City; were married on Saturday, March 3, at the First Baptist Church, Etowah. The double ring ceremony was performed by the Rev. Elden N. Peck, pastor of the church.

The bride is the daughter of Mr. and Mrs. George W. Kincaid, of Athens. Parents of the groom are Mr. and Mrs. Carl J. Jessee, of Kingsport.

The bride was given in marriage by her brother-in-law, Edward L. Niles, of Norris. During the ceremony nuptial music was presented by Mrs. A. H. Watts, organist; and Mrs. L. B. Dickson, soloist, who sang "My Hero," "Because," and "The Lord's Prayer."

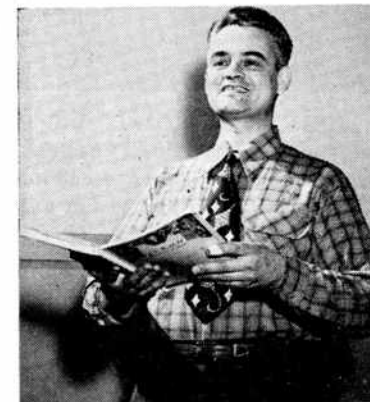
At her wedding the bride wore a navy suit with navy and white accessories. She also wore a white orchid corsage.

Miss Faye Johnson was maid of honor and wore a gray suit with navy accessories and a purple orchid corsage. Miss Carolyn Ann Kincaid, sister of the bride who kept her book, wore a green suit with black and white accessories and carried white carnations. The mother of the bride wore a navy suit with navy and white accessories and carried yellow roses. The mother of the groom wore a beige suit with black accessories and also carried yellow roses.

Stanley Burns, of Kingsport, was best man. Ushers were Frank Truman, of Boston, Mass., and William Miller, of Johnson City.

In addition to principals in the wedding other out-of-town guests included Mrs. Howard N. Babcock, Wichita, Kan., Mr. and Mrs. D. Shearer, Mrs. H. A. Fisk, Miss Phyllis Niles, Mr. and Mrs. Fred Pruett, Miss Mary Lou Campbell, Mr. and Mrs. John Tuggle, Mr. and Mrs. J. C. Boyd, Mrs. Sue G. Long, Mrs. Hugh Tuggle and Miss Joyce Pickle.

The bride attended Etowah High School and East Tennessee State College. The groom, who is listed in "Who's Who in American Colleges and Universities," attended Dobyns-Bennett High School at Kingsport before entering East Tennessee State.



Y-12 Photos By Vince Moore

**IMMEDIATELY ABOVE IS** Robert S. Knight, of Y-12, who will sing a bass solo in the presentation of Bach's "Mass in B Minor" to be given Thursday night by the Oak Ridge Community Chorus. At top are pictured officers of the chorus. Standing in rear are A. D. Horton, business manager; Edgar Darden, president; and John Krueger, director. In front of them are Mrs. Mary (C. E.) Winter, wife of a Y-12er, assistant director; Ruth Jewell, publicity director; Jeanne Rogers, also of Y-12, secretary; and Eleanor Pippert, librarian. At the piano is Jane Johnson, accompanist.

### EYE BURN HEAL CLAIMED

The Los Angeles Times reports that Dr. A. E. Cruthids, of Phoenix, Ariz., has disclosed that eye burns caused by the initial flash of an atomic bomb can be healed in "miraculous" fashion by using sulfhydryl, a colloidal form of sulphur mixed with castor oil. The substance now is in pilot plant production.



Y-12 Photo By Vince Moore

**FOLKS IN THE ISOTOPE PHYSICS GROUP HAD L. E. Burkhardt** as guest of honor at a party staged at the Oak Ridge Junior Chamber of Commerce hall Saturday night, March 3. The guest of honor is second from right, holding tight to one side of a sign, the other side being grasped by J. A. Norris. Other guests shown include Jean Peed, Oliver Yonts, George Stukenbroeker, Lessie Werner, Eloise Yonts, Paul Griffin, Marie Smith, George Werner, Bonnie Griffin, Dockie Smith, Marge Stukenbroeker, Peg McNally, J. Rand McNally, Mary Burkhardt, Edward Spitzer, Jerry Pepper, Bobbie Keilholtz, Jerry Keilholtz, Winnie Zimmerman, Bettye Pope, Elmer Zimmerman, Bill Peed, Charlie Pepper, Velma Rogers, Harold Walchli and Jim Pope.



# FIRST Y-12 BASEBALL AND SOFTBALL MEETINGS SET

## Isotopes Get Forfeit; Strikers Win Three

Although their three game win over the Old Men didn't increase their lead over the second place Isotopes, the Strikers of the D League again took most of the team and individual honors Tuesday night, March 6. The Isotopes were given four games by the Pick-Ups through a forfeit. The rollicksome Angstroms moved into third place by winning four games from the last place Toppers. A three game victory by the Cermets over the Splinters put them in a three way tie for fourth place with the Old Men and the Pick-Ups.

The individual scratch and handicap honors for high single game went to Ray Duckworth of the Splinters. His scratch 234 was second high for the second half and his handicap 261 was third high. Fellow Striker Frank Gragg had the high individual scratch series with a 583 and Lew Twitchell of the Angstroms set a new high in the individual handicap series with a 673.

The Strikers had the majority of the team honors. Their 922 scratch single, 1044 handicap single, and their 2538 scratch series were all high. The Angstroms had the high handicap series of 2965.

League standing follows:

Team	W	L	Team	W	L
Strikers	26	14	Old Men	20	20
Isotopes	25	15	Cermets	20	20
Angstroms	21	19	Splinters	17	23
Pick-Ups	20	20	Toppers	11	29

## Feminine Bowlers Of Y-12 One-Two In State Doubles

Representatives of the W League made a good showing Sunday, March 11, when Margret O'Neal and Mary Ballard joined forces to gather a 1169 total handicap score to win first place in the doubles event of the Tennessee Women's State Bowling Tournament held at the Oak Terrace.

Juanita Reed and Olyne Kerpelmann, members of the Y-12 women's bowling team in the Oak Ridge City League, won second place in the doubles event with a handicap score of 1164. Miss Reed also took second place in singles and 12th place in all events. Her scratch score for the singles was 196, 141, 211—548. With handicap she had 644, in this event. Her handicap all events score was 1541.

"There's a fellow who is going to go places."

"Ambitious, is he?"

"No; his wife's away."

## Guards Pull 'Impossible'; Defeat Orphans With Only Four Bowlers; Have Top Scorer

The "impossible" happened Wednesday night, March 7, when the Guards of the C League won three games from the Orphans using only four bowlers. The most unusual occurrence of the session was not in the three victories but in the fact that the Guards also had the high team scratch single game score along with the high team scratch and handicap series. Other winners for the evening were the Hurricanes who took three games from the Thin Pins, the Moles who took three games from the Short Circuits, and the first place Hooks who increased their lead by winning three games from the Hornets.

Individual honors went to Harold Ratjen of the Thin Pins and P. C. Goins of the Guards. Ratjen had a 218, high single scratch game for this half, and a handicap single game of 245, to tie for third with R. G. Reinhardt of the Hooks. Goins set a new high for this half in the scratch series department with a 569, and tied with Earl Painter of the Hooks for first high



"GUTTER GUS," WAS THE "Booby Prize" trophy awarded in the recent plant-wide bowling tournament for the lowest score. The distinction was earned by George Schaeffer, insert at top, who says smoke from "Gutter Gus" got into his eyes to cause him to post the low 327 scratch series, including a 67 single game.

## Cards And Birds Out Of Tourney; Robins Open Play

The Y-12 Cardinal basketball team bowed out of the Southern Appalachian tournament in Knoxville Saturday night after winning a pair of games. The Cards trimmed Amherst C. C. 27-18 in their opener, then beat Dandridge in a 24-22 thriller before being dropped by a Louisville, Tenn., quintet by 41 to 26.

The Y-12 Speckled Birds lost their only game in the event to New Harlan, Ky., Blackhawks, by 41-15.

The Y-12 feminine cagers were scheduled to play their first game Tuesday night. The Robins were listed to meet the Fairchild lassies of Oak Ridge.

## Hospital Keglerettes Defeat Y-12 Women's Varsity Team

The Oak Ridge Hospital bowling team of the Women's City League won the first and last games Thursday, March 8, to defeat the Y-12 Women two games to one. The total team scores for the night were Y-12 641, 792, 619—2052; for Oak Ridge Hospital 659, 721, 97—2077. The Y-12 individual scores were closely bunched with Juanita Reed leading at 418, followed by Olyne Kerpelmann 412. Ruth Law 411. Oradean Upchurch 409 and Katie Williams 402.

## Rippers Punish Pins To Whitewash Wolves

Pins flew as the Rippers of the B League won four games from the Wolves Thursday night, March 8. Putting high scores, in all individual departments, by Len Hart to good use the team as a whole repeated this feat in the team scoring. The really big score of the night being the 2697, team scratch series which was high for the entire year.

Other winners for the night were the Tigers who won four from the Bumpers, the Bums who won three from the All Stars, and the Head Pins who won three games from the Comets. In the other matches the One-91 team split two and two with the Cubs and the Wasps had the same results in their match with the Maintenance bowlers.

Hart's individual scores for the night, that were high for this section of play were scratch single 234, scratch series 612, and handicap series 645. His 245 handicap single game was a tie for fourth place. Eddie Cobble of the Wolves had second high scratch series with a 574. There was a complete change in the handicap series high scores where Bill Mason of the Tigers is second with a 641, Ernie Cobble third with 640, and John Schmitt fourth with 635.

The other high team scores by the Rippers were scratch single 917, high for this third, handicap single 1037, high for this third, and handicap series 3057, also high for this section of league play.

League standing follows:

Team	W	L	Team	W	L
Rippers	14	2	Wosps	7	9
Bums	13	3	Tigers	7	9
All Stars	11	5	Cubs	6	10
Comets	9	7	Bumpers	5	11
Wolves	8	8	Maintenance	5	11
One-91	7	9	Head Pins	4	12

## Cracker Jax Dunked By Hi Balls As Loop Race Is Tightened

The Cracker Jax of the W League lost three games to the third place Hi Balls Tuesday night, March 6, but remained in first place one game ahead of the second place Kemps and two games ahead of the Hi Balls. The Mix-Ups moved into a tie for fifth place with the Woes by winning two games from that team. The Controllers were the other winners for the night by taking two games from the slumping Kemps.

The high scratch single game of 185 was rolled by Mable Tyler, a sub for the Mix-Ups. Mary Ballard of the Cracker Jax had a 221, high single handicap, and a 462 high scratch series. Dee Holland of the Woes had a 597, high handicap series.

The high handicap team single went to the Hi Balls with a 947. The other high scores went to the Mix-Ups who had a 674 scratch single; a 1939 scratch series; and a 2696 handicap series.

League standing follows:

Team	W	L	Team	W	L
Cracker Jax	19	11	Controllers	14	16
Kemps	18	12	Woes	11	19
Hi-Balls	17	13	Mix-Ups	11	19

## ORNL Badminton Team Tops Y-12 For Oak Ridge Title

The Y-12 badminton team of the City League lost the season's championship match to the National Lab team Thursday, March 8. Although the match was incomplete because of closing of the gymnasium the ORNL group won seven tilts to two for the Y-12ers. Y-12 won the first half and was playing the winners of the second half for the season championship.

## All Diamond Enthusiasts Urged To Attend Sessions This Week

Organizational Meet For Baseball Scheduled Wednesday; Softies Will Gather On Thursday

It won't be long now.

Soon the inimitable and satisfactory sound of ball meeting bat, ball smacking into glove and the other noises particular only to the great American game of baseball—and its little grown-up brother, softball—will be entertaining, if not soothing, the eardrums of scores of Y-12ers.

Calls for organizational meetings of both baseball and softball enthusiasts in the plant have been issued by the Recreation Office to be held this week when plans for the coming season will be discussed.

The baseball meeting will be held at 8 o'clock tonight, Wednesday, March 14, in the quarters of the Carbide Camera Club, Y-12 East Portal.

The softball meeting is scheduled for 3 o'clock Thursday afternoon, March 15, in the Recreation Office, North Portal.

All Y-12ers interested in playing on varsity or plant teams during the coming season, both new and old employees, are urged to attend one or both of these meetings.

At the baseball meeting it is expected that a manager for the Y-12 Cardinals will be selected to guide the 1950 Oak Ridge champions through the season. Prospects for another winning team are believed excellent, as there are a number of new employees in the plant with experience and ability to capably uphold the red and white against stiff opposition. Then there are many of the 1950 champions available and who will put up a stiff scrap against the "rookies" for jobs on the team.

Invited To Join League

Already Y-12 has been invited to join a league tentatively composed of teams from Oneida, Hariman, Jamestown, Lake City and Sunbright. This invitation will be seriously considered if there are not a sufficient number of teams organized in Oak Ridge to form a league.

The Cardinals last year really showed the "old college try" in local and outside competition. Following a slow start, the wearers of the red and white were sharply rallied by Co-Managers Bill Burns and Wes Savage and came through to win the second half of the season title in the Oak Ridge City League and then take two out of three games from the first half champions—Oak Ridge National Laboratory—to gain the season's championship.

Banner Softball Season Looms

The large number of new employees in the plant also could mean a banner year for the plant softball league and formation of a loop of eight or more teams. All employees with jobs located in the Y-12 plant area are eligible to play on Y-12 plant league teams or to be candidates for a Y-12 varsity team, which probably will be formed to meet outside competition or perform in an Oak Ridge league if one is organized.

The Recreation Office is particularly anxious that every department and group in the plant wanting to enter a team in the plant league to have a representative at the meeting Thursday. It is necessary to know as soon as possible just how many teams plan to enter the loop so that reservations can be made for playing fields during the summer.

Lots Of Fun, Exercise

The plant league competition in the past has provided a lot of fun and exercise for Y-12ers, regardless of their previous experience or ability to play. Close races have resulted to instill competitive spirit and pride and the sportsmanship shown throughout the years cannot be surpassed.

In league play last year Bldg. 9212 won the first half of the season title and tied with the Bums for the second half crown. In a playoff Bldg. 9212 eked out a win for both the second half title and the regular season's championship. However, the Bums fought back to win the double elimination tournament by trimming Bldg. 9212 for the honor.

## Y-12 SPORTS

### Y-12 Golf League Names Foster Head; Play Opens April 16

An organizational meeting of the Y-12 Intra-Plant Golf League was held last Friday in the dining room of the Y-12 cafeteria. New officers were elected and plans for the coming season were discussed. League play will begin April 16.

In the voting Ward Foster was elected president, Nelson Tibbatts, vice president; Arnold Tiller, secretary-treasurer; and George Nettle, matchmaker. A board of protest of three men was elected with the matchmaker as chairman of the committee. Those appointed to the board were Harvey Keese, and K. B. Brown. It was unanimously decided that the league will be played in two halves with the winners of each half playing for the championship. The loser of the match will be considered as runner-up.

All play will be governed by the rules of the course.

The league will be made up of all interested persons employed on the Y-12 area. A team for league play will consist of four members. Each team, however, will be allowed to carry six men with handicaps. The teams with their names, names of captains and members and the addresses and telephone numbers of all members, should be turned in to the Recreation Office, North Portal, on or before April 9.

### Rifleman In Y-12 Outshoot ORNL Team In League Match

The Y-12 rifle team of the Oak Ridge Indoor Rifle League defeated the ORNL team Monday night, March 5, to hold down third place at mid-season. The Y-12ers had a total of 1450 to 1442 for the Lab sharpshooters.

Bill Rathkamp, of Y-12, again had the high scratch score for the match with a 285 out of a possible 300. Bill is a consistent high scorer for the Y-12 team in handicap as well as scratch. The high handicap score for the night was shot by Joe Walton whose 293.8 was 3.2 points better than Rathkamp's handicap 290.6. The other scorers for the rifleman were T. B. Wilson 289.3, F. Favatella 288.4, and W. K. Prater 287.8. All scores are gathered from scratch score out of a possible 300 plus the handicap of the individual shooter.

More Sports News  
On Page Four



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## Credit Union Capital And Loans Exceed \$140,000 February 1; Group Now Has 1,026 Share Holders, Wants To Increase Members

The amount of capital and loans of the Y-12 Employees Credit Union is mounting by leaps and bounds, according to an announcement by members of the board of directors last week—with the principal objective of the organization being the interesting of more Y-12ers to purchase shares in the group.

Earnings are increasing with the growth of shares sold and the directors point out that the earnings increase in direct proportion to the amount of money loaned on which interest is paid, which, in turn, is based on the amount of capital on hand from which to make loans.

An official statement of the credit union showed that on February 1, 1951, Y-12ers had invested \$140,586.75 through purchase of shares in the organization. At the same time the credit union



**'CREDIT UNION CLARENCE'** is shown happily protected by a curtain of savings provided by the Y-12 Employees Credit Union against a rainy day.

loans totaled \$140,537.75.

During the month of February alone a total of \$54,061.92 was loaned, compared to \$28,542 in January and \$40,479 during December.

It was further announced that 1,026 Y-12ers now are members of the credit union through purchase of one or more shares at \$5 each. Of this number 379 were straight investors with no loans listed while 647 held shares and also had borrowed money from the organization.

Officers, board members and just plain share holders hope that the total number of investors in the credit union will approach the potential membership of 2,500 in Y-12—pointing out the opportunity of saving at a substantial rate of interest and also of making loans at a minimum cost for essential expenses.

## ACS Section To Hear duPont Man Thursday

The monthly dinner and business meeting of the East Tennessee Section of the American Chemical Society will be held in Oak Ridge tomorrow night, Thursday, March 15. The dinner will be held at 6:45 o'clock in the Methodist Fellowship Hall in the Grove Fire Hall with the business meeting following at 8 o'clock in the auditorium of the Jefferson Junior High School.

Dr. W. W. Heckert, manager of the technical division of the rayon department of the E. I. duPont de Nemours and Co. will speak on Fibre Synthesis at the business meeting. He received his B. S. degree in education from Miami University in his home town of Oxford, Ohio. After two years of high school teaching he did graduate work at Ohio State University, receiving his M. A. degree in physical chemistry in 1926 and his Ph.D. in 1928. On completing graduate training Dr. Heckert went to work with duPont as a research chemist at the firm's experimental station at Wilmington, Del.

The dinner Thursday night will be a home cooked meal prepared and served by the Methodist Ladies Aid Society.

## Arthur Stewart Gets Induction Notice; Reports March 13

Arthur Stewart, a health physics inspector in the Health Physics and Hygiene Department, has received his selective service "greetings" from the Armed Forces and reported at Clinton Tuesday, March 13, for induction into the army. He had been a Y-12 employee since Aug. 13, 1948. He terminated Tuesday of last week.

Stewart, 22 years old, expects to be sent to Ft. Jackson, S. C., near Columbia, for assignment. He has had no previous military service.

His father, A. L. Stewart, also is a Y-12 employee, being a carpenter in the Buildings and Grounds Department.

Young Stewart was married on February 15 at Rossville, Ga., to the former Miss Frances McDougal.

## Unique 'Snow White' Film To Be Shown By Cinema Club

A unique moving picture, "Snow White" with "live" instead of cartoon characters, will be presented by the Oak Ridge Cinema Club at 8 o'clock tomorrow night, Thursday, March 15, in the theater room of the American Museum of Atomic Energy. The movie was taken by Mrs. Mildred Keister Dennis, of Knoxville, who spent some five years rounding out the production.

The movie, filmed in Kodachrome and accompanied by musical recordings, follows the Walt Disney story as closely as possible, using neighborhood children as actors. The seven dwarfs, for example, as portrayed by seven little boys ranging from four to seven years of age and about 15 children in all make up the cast. The film runs for about 45 minutes and has been seen by more than 15,000 persons.

Disney has seen the picture and congratulated Mrs. Dennis on the production. He also has given her permission to show the movie.

All members of the Oak Ridge Cinema Club, composed of local amateur movie makers, are urged to see the interesting picture. Any Y-12ers wishing further information or transportation arrangements is asked to communicate with Blakely, telephone 7206.

Gell-Man, of the Institute of Advanced Study of Princeton University.

## Registration Is Set For Courses By AEP

Registration for classes in the certificate courses and college undergraduate courses for credit conducted under auspices of the Oak Ridge Adult Education Program will open next week, according to Archie Keller, Jr., director of the AEP and supervisor for the University of Tennessee division of university extension which supervises the credit courses.

Enrollment will begin in both types of classes on March 21-23 from 6 p. m. to 9 p. m. and on March 24 from 9 a. m. to noon. The registration office is at AEP headquarters in the Oak Ridge High School building, where classes will be held.

Classes will open during the week of March 26.

### Training Department To Aid

Y-12ers wishing complete information on courses offered may obtain it at the Adult Education Program office and assistance in mapping courses also will be provided by the Y-12 Training Department, Bldg. 9704-2, telephone 7716.

Certificate courses offered include art (drawing and painting), blueprint reading, business English, business mathematics, business law, china painting, various types of dancing, driver training, piano training, office machines, secretarial training, sewing, sheet metal layout, shorthand, stenography, typing, woodworking and high school subjects.

### College Courses Offered

Among the certificate class offered are courses in accounting, art, bacteriology, business law, chemistry, chemical engineering, economics, electrical engineering, engineering drawing, English, geology, German, labor relations, marketing, mathematics, office administration, physics, psychology, sociology and statistics.

## Varsity Keglers Of Y-12 Top K-25 For City League Win

The Y-12 bowling team of the City League roled its way to three wins Monday night, March 5, against the third place K-25 keggers. The Y-12ers gathered the points by winning two games and total score. The line scores for the night were Y-12, 818, 792, 821—2431, with K-25, 767, 821, 797—2385.

Frank Gragg was the big man for Y-12 with scores of 172, 182, 199—553; he was followed by Ernie Cobble who had 174, 151, 184, for a 509 total. Walt Sherrod had 183, 151, 138—472; Elmore Koons 157, 165, 144—466; Nelson Tibbatts completed the team with 132, 143, 156—431.



Y-12 Photo By Vince Moore

**A LOT OF FOOLISHMENTS WENT ON IN THE OAK RIDGE Lions Club minstrel show and aiding and abetting were several Y-12ers and their wives. This well remembered scene is from a pantomime in which the players razed the recent "vent controversy" between Roane-Anderson and the citizenry of Oak Ridge. From left are Mrs. Bill Cobb, H. Wesley Savage, head tom cat (president) of the club; Mrs. Joe Preslar, Mrs. William C. Tunnell and Elmer Olson. All have Y-12 connections.**

## By-Products Topic On Headlines Program; ACS Broadcast Now Entering Second Year

"By-Products—The Chemists' Bonanza," will be the topic on the Headlines in Chemistry radio program to be given at 9:15 o'clock Sunday night, March 18, over Oak Ridge Station WATO. A. T. Morphew, of the Atomic Energy Commission, will be the principal speaker and co-hosts will be Rodney Mason and C. Bramblett, also of the AEC.

### Some By-Products Most Valuable

In his talk Morphew will point out the great value of by-products in chemical processes, some of which prove more valuable than the original material from which they were obtained.

The Headlines in Chemistry program is sponsored weekly by the East Tennessee Section of the American Chemical Society in an effort to present scientific material in a manner interesting to the layman. The first program was presented February 26, 1950, with the broadcast now being in its second year.

### Several Y-12ers Are Active

Several Y-12ers have been heard on the programs and have been active in preparing scripts and presenting them. Included among this group are V. C. Jackson, C. D. Susano, L. E. Burkhart and Roberta McCutcheon. Many interesting and varied subjects have been presented ranging from how to grow better lawns, production of aluminum, what to do in case of atomic attacks to "cures" for hangovers.

## Hat Covers For Raincoats Will Be Distributed Soon

Male Y-12ers receiving those natty lightweight raincoats as individual safety awards look at the corresponding garment worn by the feminine contingent and—noting the neat hood to protect the

## Niagara Falls Niacet Plant Now Operated By Carbide

The Niacet Chemical Plant, Niagara Falls, N. Y., now is being operated by the Carbide and Carbon Chemical Company, a division of Union Carbide and Carbon Corporation. The Niagara Falls plant formerly was the producing unit of the Niacet Chemical Division, United States Vandium Corporation, also a unit of Union Carbide, before coming under the Chemicals Company jurisdiction on January 1, 1951.

The New York plant produces approximately 20 synthetic organic chemicals, used in practically every industry. One of its principal products is acetic acid and its name was coined from the first part of two words—"Niagara" and "acet-ylene." Beginning operations in 1924 the plant was the first semi-commercial unit in the country to produce chemicals from acetylene.

head of the ladies—have hollered "Where's mine?"

That's all right, men; it was one of those inadvertent oversights on the part of the manufacturer. They just forgot—that's all. Immediate correction of the matter has been assured and the caps or hat covers for the men to match their coats are expected to arrive soon. They will be delivered to the proper parties immediately on arrival.

## City Bowling Body Meets March 14; Y-12ers Invited

All bowlers of Y-12 on teams registered in the Oak Ridge Bowling Association are invited to attend the annual meeting of the association at 8 o'clock tonight, Wednesday, March 14, at the Oak Terrace. Officers will be elected from nominations made from the floor and cash prizes won in the recent city tournament will be distributed.

Y-12ers receiving prizes will be Bill Burns, ninth in singles with 639; E. B. Galloway, 14th in singles with 634; Frank Thurman and Galloway, fourth in doubles with 1226; Otto Briscoe and Paul Petretzky, sixth in doubles with 1216; Niemeyer and Griffin, seventh in doubles with 1208 and Frank Gragg and Len Hart, 11th in doubles with 1196. The Wolves of the Y-12 B League will be rewarded for finishing seventh in team standings with 2932.

## 'Nuclear Models' Is Subject At Physics Seminar Meeting

"Nuclear Models" will be the subject of discussion at the weekly meeting of the Oak Ridge Physics Seminar set for 4 o'clock Friday afternoon, March 16, in the East Lounge of the Ridge Recreation Hall. All Y-12 technical and scientific personnel are invited to the meeting, at which the discussion will be led by Dr. Murray